



U.S. Department of Energy

**Office of River Protection**

P.O. Box 450  
Richland, Washington 99352

0061608

04-ED-041

APR 16 2004

Mr. Michael A. Wilson, Program Manager  
Nuclear Waste Program  
State of Washington  
Department of Ecology  
1315 W. Fourth Avenue  
Kennewick, Washington 99336

**RECEIVED**  
APR 19 2004

**EDMC**

Dear Mr. Wilson:

SUBMITTAL OF PERMIT DESIGN PACKAGE NO. HLW-004, REVISION 0, FOR THE  
WASTE TREATMENT AND IMMOBILIZATION PLANT (WTP)

Reference: WA7890008967, "Dangerous Waste Portion of the Hanford Facility Resource  
Conservation and Recovery Act Permit for the Treatment, Storage, and Disposal of  
Dangerous Waste, Chapter 10 and Attachment 51, 'Waste Treatment and  
Immobilization Plant.'"

This letter transmits Permit Design Package HLW-004, Revision 0, "HLW Canister  
Decontamination Handling System (HDH) for HLW Facility El. -21 and 0 ft.," for the State of  
Washington Department of Ecology (Ecology) review and approval.

The attached HLW Vitrification Facility permit package provides the information necessary for  
Ecology to confirm that the structures, equipment, and processes described in the permit package  
will comply with the reference. This information will allow Ecology to permit the installation of  
the Waste Neutralization Vessel (HDH-VSL-0003), Canister Rinse Bogie Decon Vessel (HDH-  
VSL-00001), and Canister Decon Vessels for Melters 1 and 2 (HDH-VSL-00002 and HDH-VSL-  
00004, respectively) comprising the HDH.

A summary description of the permit design package is included in Attachment 1. Attachment 2  
provides the permit design package, and Attachment 3 provides the Bechtel National Inc. and  
U.S. Department of Energy certification statements.

Dangerous Waste Permit (DWP) package submittals are certified coincident with issuance of the  
integrity assessment report contained in the package. Permit affecting design changes not  
included in, or occurring after issuance of, the final integrity assessment report will be processed  
in accordance with DWP requirements for permit modification prior to construction or  
installation of affected equipment and components. Installation of equipment and components  
will be done in accordance with permit packages approved and incorporated into the DWP by  
Ecology.

Mr. Michael A. Wilson  
04-ED-041

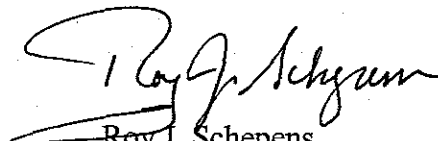
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Due to the potential sensitivity of the attached engineering information, Ecology is requested to place the data for public review in the standard information repositories, but not provide electronic dissemination of the information.

If you have any questions, please contact me, or your staff may contact Lori A. Huffman, Environmental Division, (509) 376-0104.

Sincerely,



Roy J. Schepens  
Manager

ED:LAH

Attachments: (3)

cc w/attachs:

B. G. Erlandson, BNI

J. P. Henschel, BNI

J. Cox, CTUIR

S. Harris, CTUIR

S. L. Dahl, Ecology

G. P. Davis, Ecology (w/o attachs)

E. A. Fredenberg, Ecology

S. J. Skurla, Ecology (22)

P. Sobotta, NPT

J. B. Hebdon, RL (w/o attachs)

A. C. McKarns, RL

R. Jim, YN

Administrative Record

Environmental Portal, LMSI